



भारतीय प्रौद्योगिकी संस्थान इन्दौर
INDIAN INSTITUTE OF TECHNOLOGY INDORE

Minutes of the twenty fifth (25th) meeting of the Board of Governors held at 14.30 Hrs. (Wednesday) on April 25, 2018, at Board Room, IIT Indore.

Present:

- | | |
|---|-----------------|
| 1. Professor Pradeep Mathur
Director, IIT Indore
(Acting as Chairman, BoG in absence of
regular Chairman as per the
directive of MHRD, GOI) | Chairman |
| 2. Dr. William Selvamurthy
President - Amity Science, Technology &
Innovation Foundation (ASTIF) | Member |
| 3. Professor Pradeep Mathur
Director, IIT Indore | Member |
| 4. Dr. Swadesh Kumar Sahoo
Associate Professor, IIT Indore
Represented Dr. Pritee Sharma | Member |
| 5. Dr. I. A. Palani
Associate Professor, IIT Indore | Member |
| 6. Dr. Rajesh Kumar
Dean of Planning, IIT Indore | Special Invitee |
| 7. Mr. Subrata Sarkar
OSD (Administration), IIT Indore | Special Invitee |
| 8. Mr. Siba Prasad Hota
Deputy Registrar (Material Management), IIT Indore | Special Invitee |
| 9. Mr. Pradeep Agarwal
Deputy Registrar (Finance & Accounts), IIT Indore | Special Invitee |
| 10. Mr. Tentu Satyanarayana
Deputy Registrar (Administration), IIT Indore | Special Invitee |
| 11. Mr. R.P. Dwivedi
Registrar, IIT Indore | Secretary |



Leave of absence:

1. Mr. Sanjay Bandopadhyay
Principal Secretary
Govt. of MP, Bhopal

Member

BOG/25/1	Opening remarks by Chairman, Board of Governors.
----------	--

The Chairman, Board of Governors welcomed all the members and special invitees. He specially thanked Dr. William Selvamurthy, member of the Board for his regular participation in the meetings of the Board and for his continuous contribution and guidance in various developmental activities of the Institute.

The Chairman also reiterated that in the absence of a regular Chairman of BoG, IITI, the Director has been chairing the meetings in the capacity of Chairman, BoG. He informed that Registrar has been pursuing the matter of appointment of regular Chairman, BoG with MHRD continuously.

Chairman welcomed Dr. Pritee Sharma, Associate Professor, IIT Indore on becoming member of Board as Senate nominee in place of Dr. Somaditya Sen. The Board placed on records the appreciation for contribution and active participation for the development of IITI, by the outgoing members, Dr. Somaditya Sen on completion of his tenure and Mr. Aman Singh, Secretary, Government of C.G. by virtue of re-categorisation of zones for representing IITs in respective States.

Chairman informed the Board about the recent grievances raised by the students and incidents occurred which were created by some of the students on flimsy grounds such non availability of food of their taste and transport facilities from Indore city to Simrol campus.

Board was informed that the Institute had three food and snacks outlets. Since then two more outlets have opened in the Institute. A separate webpage has been created for keeping the updates of the food and snacks outlets.

The Chairman also informed that recently, four students were found to have in their residential units some prohibited items and there was evidence that they have been consuming this. The Institute ordered the concerned four students to vacate the Institute provided residential facility which they did.

Regarding transport facilities to students, it was made clear that Institute is not obliged to provide the buses to the students who are voluntarily living outside the campus in Indore. However, buses from two points in Indore have been retained as the employees come for duty from far flung areas.

The Institute has improved NIRF ranking for the year 2018 in Engineering category and is now placed at rank 14. The institute has been maintaining its position amongst top 05 institutes in Teaching, Learning Resources (TLR).

IITI's international connections have blossomed and entering into collaboration with SAARC countries on behalf of new IITs.

Institute had applied for participation for Institutions of Eminence (IoE) and was called for presentation on April 24, 2018. A copy of the presentation is enclosed as **Annexure-'A'**.

The MHRD, vide letter F.No.36-1/2016-TS.I, dated June 5, 2017 requires all IITs to enter into a memorandum of understanding between individual IITs and MHRD. IIT Indore has constituted a committee to examine the draft MoU sent by MHRD. The committee will also examine the MoU's being drafted / revised by other IITs. The final MoU will be signed on behalf of IIT Indore and sent to MHRD, and reported in the next BoG.

Consequent to BoG resolution, Canara Bank has completed the construction and also occupied a part of the new building constructed under the BLOT scheme, as per agreement. The Institute is in the process of shifting some of its services into the remaining part of the building.

BOG/25/2	Overview report by the Director.
-----------------	---

Director asked the Secretary to proceed with the agenda.

BOG/25/3	To confirm minutes of the twenty fourth (24th) meeting of Board of Governors held on December 9, 2017.
-----------------	--

Minutes of the twenty fourth (24th) meeting of the Board of Governors were circulated among all the members and no comments were received. The Board resolved to confirm the minutes of the meeting.

Board also resolved to confirm the decision on agenda sent through circulation on March 28, 2018 related to funding of 11 construction work projects with a loan of Rs.437.12 crores through HEFA. The Board also noted that the minutes of meeting dated February 2, 2018 held at MHRD in this connection are still awaited from MHRD.

BOG/25/4	To consider and take note of the Action Taken Report (ATR) on the minutes of twenty fourth (24 th) meeting of Board of Governors.
----------	---

The Action Taken Report on the decisions of the 24th meeting of the Board of Governors were presented at the meeting.

The Board considered the action taken report and noted it with satisfaction.

BOG/25/5	To consider the recommendations of 14th Senate meeting held on February 20, 2018
----------	--

(1) Senate/14.15: Nomination to confer the degree of Honorary Doctorate (Honoris Causa) of IIT Indore to Mr. Ajay Piramal, former Chairman, Board of Governors, IIT Indore.

In recognition of invaluable contribution by Mr. Ajay Piramal former Chairman, Board of Governors of IIT Indore, in its development since its inception, the Senate of Institute in its meeting held on February 20, 2018, recommended to the Board to confer the degree of Honorary Doctorate.

The Board applauded the contributions made by Mr. Ajay Piramal to IIT Indore and recommends to the Visitor for approval of conferring on him the degree of Honorary Doctorate (Honoris Causa) in the 6th Convocation.

(2) Senate/14.19.3: Fee structure and admission procedure for the international students to MTech, MS and PhD programmes

The Board appreciated the initiative taken by the institute to start admission for international students to MTech, MS and PhD programs. This would promote multicultural spirit in the campus and would benefit the IITI community.



The recommendations of Senate for proposed fee structure for AY 2018-19 for SAARC Nations and other countries (ASEAN, AFRICAN, WEST ASIAN), eligibility criteria, Minimum Educational Qualifications (MEQ), qualifying examination, selection procedure, financial support etc. were approved by the Board.

In view of the fact that Institute has started admission to foreign nationals in a very short time, the interested candidate may not get time to take GRE and TOEFL test (as required) within short time, Board granted one-time special permission to exempt GRE, TOEFL test scores as special case, as per needs or as Institute deems necessary for the academic year 2018-19.

The Board also discussed that GRE and TOEFL are the international level admission tests conducted by international agencies and recognised by universities across the globe particularly in the USA for PG admissions. The Board suggested that for admission to MTech, MS and PhD programs, GRE and TOEFL should be allowed in IITs for consideration of admission into its Postgraduate programmes.

(3) Decisions of Senate for Reporting:

The following decisions of Senate were placed before the Board for reporting. The Board considered and approved the same with the observation as mentioned against each item:

(a) Senate/14.8: Prime Minister's Research Fellowship (PMRF).

The Board consented to the approval of Senate for implementation of PMRF research fellowship scheme. However, institute is to be careful while implementing the scheme with other research fellows in same lab/group as there is a wide gap in amount of fellowships.

(b) Senate/14.9: Creation of supernumerary seats to ensure at least 14%, 17% and 20% female students admitted to BTech program in 2018, 2019 and 2020 respectively.

The Board noted the approval of Senate to increase 14%, 17% and 20% UG seats as supernumerary for female students to be admitted in 2018, 2019 and 2020 respectively to raise the percentage of UG female students. With

the increase, the students intake would be 280 from the existing 260 in the upcoming academic session.

- (c) **Senate/14.10: Report of the Committee constituted to consider different aspects of award of scholarship similar to MCM to all the female students of BTech program irrespective of their parental income as per the recommendation of Joint Admission Board (JAB) sub-committee.**

The Board noted the decision taken by the Senate with satisfaction.

- (d) **Senate/14.11: Policy for fee refund to those students who withdraw from academic programs of IIT Indore after joining and for those who do not join after acceptance of the admission offer.**

The Board noted the decision taken by the Senate for implementation of refund policy wef the 2018-19 session.

- (e) **Senate/14.16: Senate nominee to Board of Governors (BOG).**

The Board welcomed Dr. Pritee Sharma, Associate Professor as a member of Board of Governors of IIT Indore as Senate nominee.

BOG/25/6	To consider the recommendations of 20th meeting of Finance Committee held on March 7, 2018.
-----------------	---

The 20th meeting of Finance Committee was held on March 7, 2018. The following recommendations of FC were placed before the Board for consideration and approval.

- (i) **FC/20/4: BWC/37.9: To consider construction of Cafe at IIT Indore, Simrol Campus.**

The Board considered and approved the proposal recommended by the Finance Committee to construct a Cafe outlet in IIT Indore campus by M/s Food Villa on Build, Lease, Operate and Transfer (BLOT) basis.

- (ii) **FC/20/7 : To consider proposal for utilization of Corpus Fund.**

The Board considered and approved the recommendations of Finance Committee.



- (iii) FC/20/9 : To consider and approve Budget Estimates (BE)(Under Plan Grant in-Aid) for F.Y. 2018-19.

The Board approved the following budget allocation for the F.Y. 2018-19 as conveyed by MHRD vide letter F.No. 27-2/2018-TS-I (Part-2), dated February 22, 2018 and recommended by the Finance Committee in its 20th FD meeting held on March 7, 2018. The budget allocation includes Rs. 673.00 crores under Capital Head, as HEFA loan. The Board has shown concern over the operational part of the scheme as the detailed minutes of meeting of February 2, 2018 between Special Secretary, MHRD and Director, DR (F&A) are not yet received from MHRD.

Amount in Rs. (crores)

S. No.	Particulars	OH-31	OH-35	OH-36	Total	HEFA Loan	Grand Total
1.	Approved Allocation	100.67	52.98	36.85	190.50	673.00	863.50

- (iv) FC/20/12: To consider request of Professor Ram Bilas Pachori to receive Honorarium as Associate Editor of Biomedical Signal Processing and Control (BSPC) journal published by Elsevier.

The Board considered and approved the proposal as recommended by the Finance Committee.

BOG/25/7	To consider the adoption of Recruitment and Promotion Norms of IIT Bombay till the finalisation of RPN of the Institute.
----------	--

MHRD has conveyed certain observations on the newly framed Recruitment and Promotion Norms (RPN) for non-teaching staff. The suggested amendments may take some time to be placed before the Board. Being new Institute, where manpower is needed urgently and vacancies need to be filled promptly, till the Institute norms are approved, the Board approved adoption of the recruitment rules of IIT Bombay so that recruitment process may be started.

BOG/25/8	To consider fixation of provisional pay of Deputy Librarian/Library Information Officer of IIT Indore, subsequent to the implementation of 7th CPC, in line with UGC pay structure.
-----------------	--

The proposal for provisional fixation of pay of Deputy Librarian and Library Information Officer of IIT Indore based on UGC orders was accepted by the Board. The pay will be re-fixed on receipt of pay orders from MHRD for IITs, if there would be any change.

BOG/25/9	To consider the proposal to establish Kendriya Vidyalaya in IIT Indore campus.
-----------------	---

The proposal for opening a Kendriya Vidyalaya (KV) as one of the Schools in the Institute was approved by the Board.

IIT Indore being an Institution of higher learning under MHRD, the Board recommended opening of Kendriya Vidyalaya as MHRD sponsored KV. Accordingly, Institute should prepare a proposal in the prescribed format and submit to the MHRD.

BOG/25/10	To consider proposal for procurement of E-Vehicles from Energy Efficiency Services Ltd. (EESL) under Ministry of Power forwarded by MHRD.
------------------	--

The Board has put on record its appreciation on implementing the E-Vehicles initiative of the Institute well before the Govt. put in place green and energy efficiency policy for running of E-vehicles. The E-vehicles are in use for intra campus mobility, thereby reducing the carbon foot print in the Institute.

The Board approved the policy of E-Vehicles as conveyed by the MHRD vide letter F. No. 32-8/2018.TS.-I dated March 13, 2018. The acquisition of the E-Vehicles through various modes such as Purchase/Lease/Hire etc. will be done after assessing the requirements.

BOG/25/11	To consider residential accommodation allotment rules.
------------------	---

Board asked the institute to relook at the proposed accommodation allotment rules and to be placed in the next Board meeting. Till then agenda has been deferred.

However, the Board has given the responsibility of allotment of accommodation to the Dean of Administration.

BOG/25/12	To consider revised rates of reimbursement of communication facilities and newspapers to officers of Government of India as per orders of Ministry of Finance, GoI.
------------------	--

The Board considered and approved the rates of Communication and Newspaper charges as revised by Government to be reimbursed on declaration basis as per the rules. Reimbursements to the Director will be made on actual basis.

BOG/25/13	To consider proposal for instituting "Buti Foundation Gold Medal".
------------------	---

The Board welcomed the proposal of Buti Foundation (Letter no. Nil, dated March 18, 2018) with appreciation and encourages such proposals in future. The Board approved the proposal in principle for instituting an award titled "Buti Foundation Gold Medal" which shall be conferred to the best woman student securing highest CGPA among graduating students in MSc, MTech programmes of the Institute. While appreciating the move, the Board asked the Institute to convey to the Buti Foundation to increase the amount to enable IITI to meet the expenses in future.

BOG/25/14	To consider proposal for award of performance-based honorarium to Engineers/Staff.
------------------	---

The Institute is in formative stage and the staff members have been putting utmost efforts to meet the increasing demand for creation of new facilities and infrastructure in campus in a time bound manner. Besides, motivating the non-teaching staff to perform efficiently, Board has accepted the proposal and approved honorarium to be given to individual staff members with an upper ceiling of 10% of Basic pay for a duration of one year at a time.

The Board advised to devise a system wherein evaluation will be scrutinised by a committee constituted by the Director. The Institute will also frame a standard set of criteria for this purpose.

BOG/25/15	To consider proposed foreign visits of Director, IITI.
-----------	--

The Board approved the foreign visits of the Director as proposed.

BOG/25/16	Items for Ratification.
-----------	-------------------------

Following approvals given by Chairman BoG/Director were placed and ratified by the Board:

1. To ratify signed Memoranda of Understanding (MoUs).

The Board ratified the MoU signed by the Institute with the

- (i) Department of Engineering, University of Messina, Italy.
- (ii) Ecole Nationale Supérieure Mines-Telcom Atlantique Bretagne Pays De La Loire (IMT ATLANTIQUE), France.
- (iii) Chonnam National University, Korea.

2. To ratify the decision of the Chairman, BoG regarding nomination of experts of the Selection Committee for "Appointments" as per the new statues of the Institute.

The Board ratified the decision of the Chairman, BoG regarding nomination of experts of the Selection Committee for "Appointments" as given in agenda.

3. To ratify list of Group-A Officers (faculty members and non-teaching staff) who joined /have been confirmed/resigned since last meeting.

The Board noted the list of members of faculty and staff members who joined/confirmed/resigned IITI since last meeting of the Board.

4. To ratify the approval to meet shortfall of Grant-in-Aid (GIA) from internal Corpus/IRG of the Institute on recoupment basis.

The Board ratified the approval to meet shortfall of Grant-in-Aid (GIA) from internal Corpus/IRG of the Institute on recoupment basis.

1. To report on complaints/grievances received from MHRD/through Portal.

The complaints and grievances received through MHRD/Portal were addressed to and replies sent.

Board noted the same and appreciated the efforts of the Institute in the matter.

2. To report foreign visits of Director, IIT Indore.

Director briefed the Board about his foreign visits to Universities of Strassbourg, Stuttgart and Munich during December 21, 2017 to January 9, 2018.

Board noted the same with satisfaction.

3. To report foreign visits by Faculty members and Ph.D Scholars.

Board was informed that 29 faculty members and 18 students made foreign visits during July 2017 to April 2018 for academic and research purpose.

The Board noted the same with satisfaction.

4. To report letter received from Ministry of Home Affairs related to the eligibility of persons registered as Overseas Citizen of India (OCI) for appointment as faculty at IITs, CUs, NITs, IIMs, IISERs.

The Board noted the decision conveyed by Ministry of Home Affairs that a person registered as an Overseas Citizen of India (OCI) shall be eligible for appointment as teaching faculty in IITs and other Central Govt. Universities and Institutions.

5. To report supply, installation, testing and commissioning of Air Cooling System for Hostel and Studio Apartment at IIT Indore.

The Board noted the suggestion given in the report submitted by Mr. S.S. Kulkarni, former Head Construction & Services Division, Department of Atomic Energy with satisfaction.

Concluding Remarks

At the end Professor Selvamurthy one of the Board members, appreciated the efforts of Director, faculty and staff members, who have been putting best efforts for the growth of Institution. He gave following few suggestions:

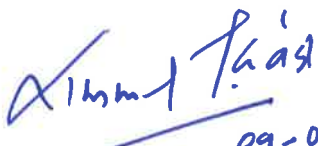
- (i) Being an engineering Institute of high repute, IIT Indore should celebrate "Technology Day" on 1st May of every year.
- (ii) On this day Institute should place on display the prototypes, innovation and new technology.
- (iii) School children should be invited to visit the Institute on this day.
- (iv) Lecture of eminent personalities/scientists to be arranged.
- (v) Nobel Laureate should be invited to the Institute to inaugurate some research centre/facility.
- (vi) Industry connect resource generation to be enhanced.
- (vii) Sources of resource generation to be identified.
- (viii) Technology should flow from IIT

He further appreciated the efforts of all the stakeholders for making exponential growth, quality of students, internationalisation activities, speed in infrastructure growth, clean and green campus, digital transaction etc.

The meeting ended with thanks to the Chair.

अध्यक्ष के प्रति आभार के साथ बैठक का समापन हुआ।


(Professor Pradeep Mathur)
Director, IIT Indore

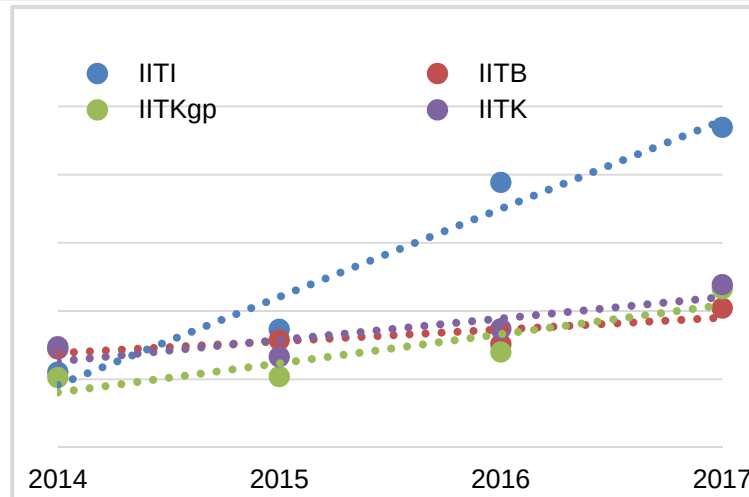

09-05-2018
(R.P. Dwivedi)
Registrar &
Secretary, BoG IIT Indore


(Professor Pradeep Mathur)
Chairman, Board of Governors
IIT Indore





#Publication/Faculty

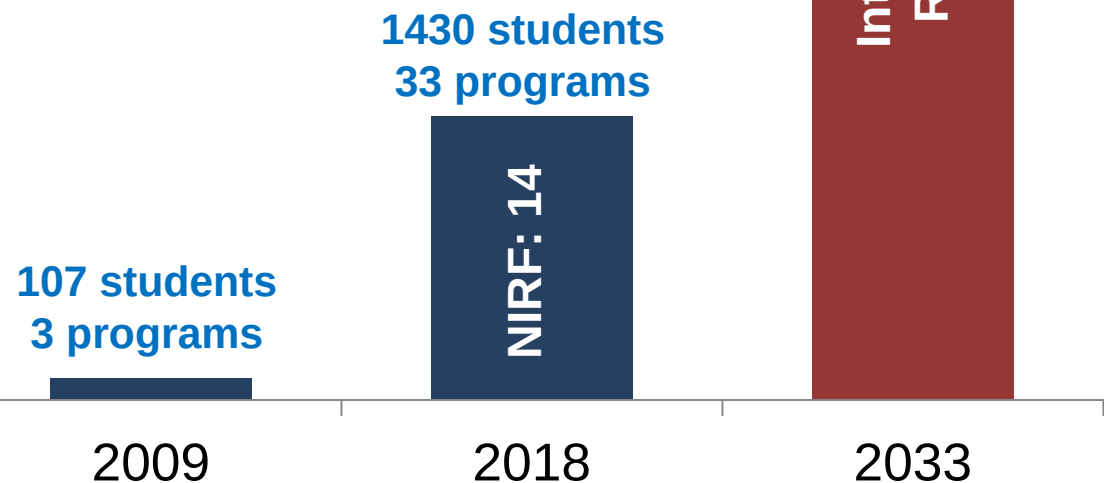


> 5000 students
> 50 programs

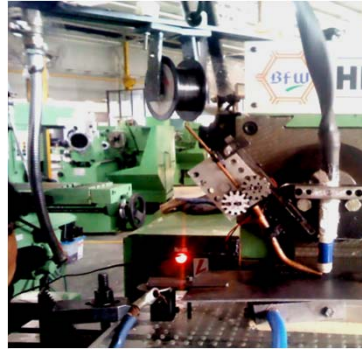
IIT Indore Institution of Eminence

Multidisciplinary, Foreign Qualified Faculty Members (77%),
Undergraduate Research, **Continuous Development**

- ❖ Highly Relevant Location
- ❖ NIRF (2017): 15 (Engg.)
- ❖ NIRF (2018): 14 (Engg.)
- ❖ TLR Parameter : within Top 5



15 Year Plan



**High End Research
in Technology/Science**

**Upgradation of Sophisticated
Instrumentation Centres**

**Global
Partnerships**

➤ **Cyber Security & Defense**

- Space Payload
- Energy
- Novel Materials
- Healthcare
- Water & Waste Management
- Geospatial Planning
- Translational Biology
- Environment

- ❖ Attracting International Students and Faculty
- ❖ Hiring of Top Class Talent: Intl. Students Faculty
- ❖ Greater Interaction with Intl. Univ.
- ❖ Partnership with Industries
- ❖ Investment from Industries

**Brain Gain....
Reverse Brain Drain**

Next 15 Years: International Ranking < 100

Strengths

- ❖ Leading from the Front (Cashless, e-Vehicle, etc.)
- ❖ Campus and Academics Designed for Multidisciplinary
- ❖ Deeper Research Engagement in All Levels
- ❖ Emphasis on Hands-on Training
- ❖ Interdisciplinary Education and Projects
- ❖ World Class Student Accommodation

UG students engaged in a PRIUS project



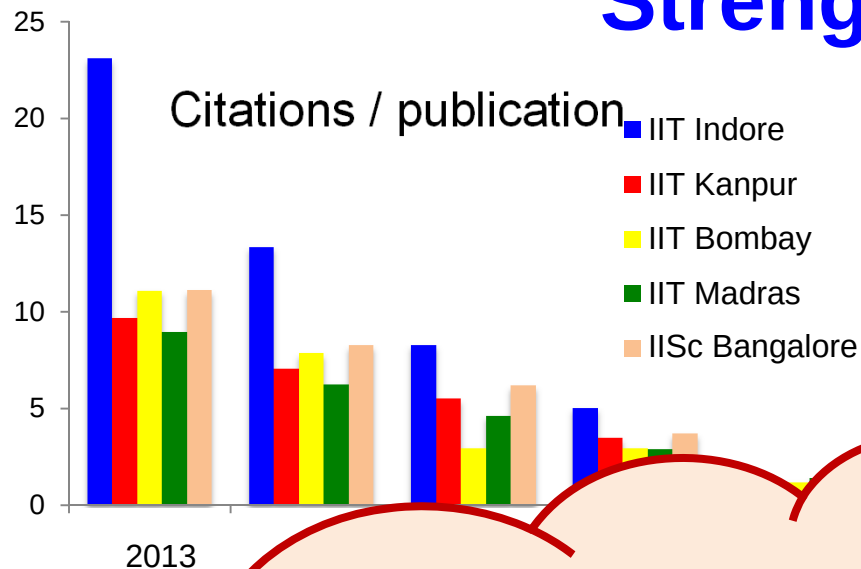
E-Vehicle



UG Student Residence



Strengths



Year	IIT	IITK	IITB	IITM	IISc
2013	4436	11867	20806	14352	26483
	192	1220	1868	1596	2374
	23.1	9.7	11.1	9.0	11.2
2014	3707	9730	16499	11736	21291
	277	1372	2088	1862	2561
	13.4	7.1	7.9	6.3	8.3
2015	2641	7843	6881	9106	15878
	1411	2292	1945	2553	6.2
	3.0	4.7	6.2	3.7	3.0
2016	6881	5940	9576	292	2034
	292	2034	2564	1.0	2.9
	3.0	2.9	3.7	1.0	2.9
2017	149	3460	3186	7	2400
	7	2400	2741	1.4	1.2
	1.4	1.2	1.4	1.2	1.2

❖ 1772



Dr. Shaikh

❖

❖

❖

❖ Creation of

- Listed amongst highly prolific authors by *Current Science*
- Rivalling researchers from IISc and older IITs.
- Recognised by *Career360* among top 10 researchers in India
- *h-index* of 41 (SSB; GNP-20, PSM-49, PG-32)
- More than 370 publications and 6449 citation.

citations/publication

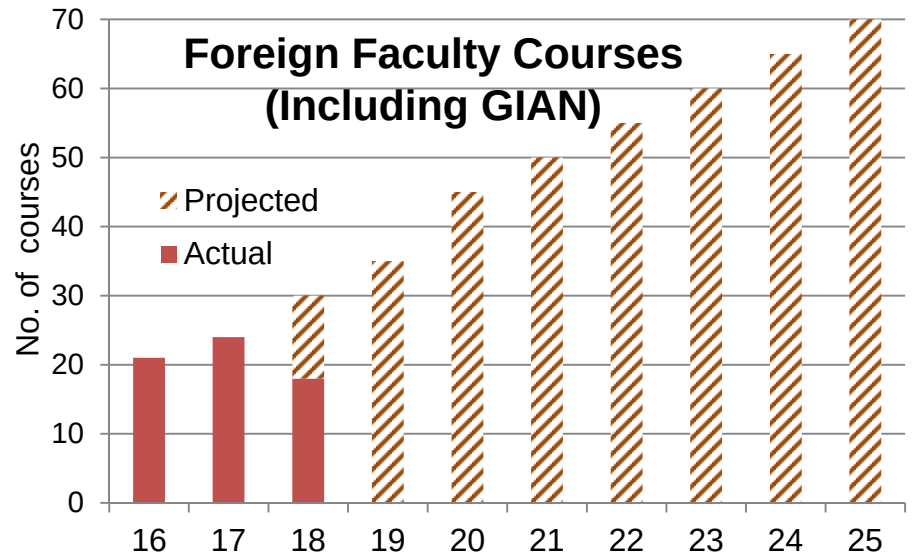
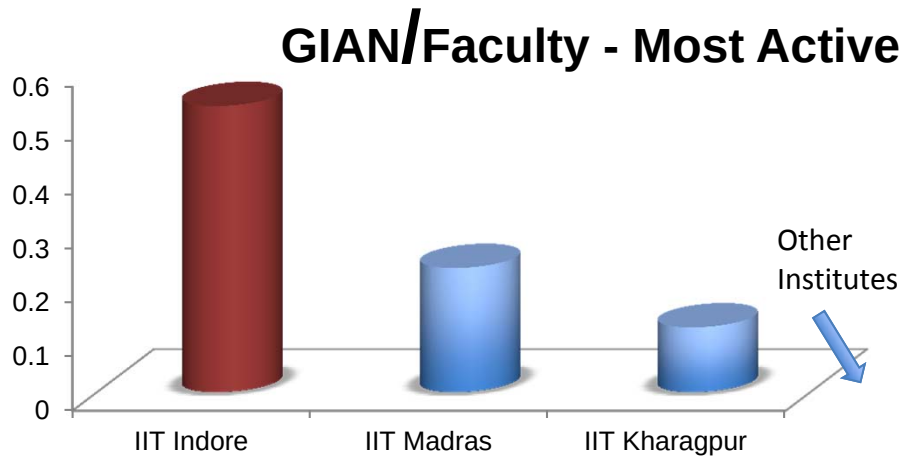
of Talent Identification

ent Ratio:: 1 : 12

Student Ratio:: 1 : 1

Foreign Qualified Faculty Members::
77%

International Linkages



IIT-TU9 Collaborations (2015-2017)

- ✓ To lead TU9 collaborations as envisioned by PM Modi & Chancellor Merkel in 2015
- ✓ 15 joint publications
- ✓ 10 ongoing projects
- ✓ 30 bilateral visits

ESSON
 DAAD
 Humboldt
 Raman-Charpak
Newton-Bhabha
 Fulbright
 UKIERI JSPS
 IKER NASA
 Indo-US BASE

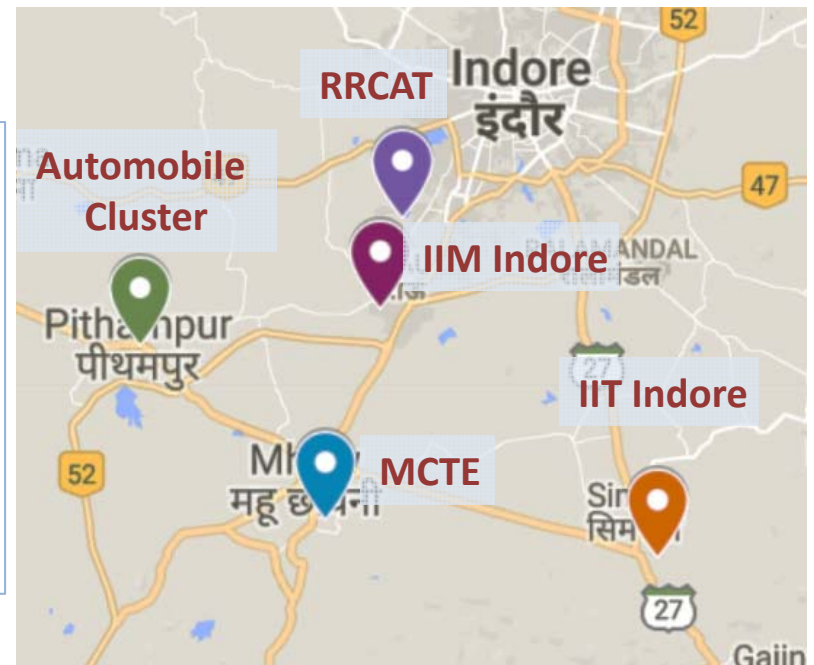
Square Kilometer Array (SKA) - International Consortium (2015-2017)

- ✓ 6 joint publications
- ✓ 4 ongoing projects

Implementation Plan: IITI Features

- Brightest minds *“kidnapped”* from across the Globe
- Scholarship to meritorious Indian and foreign students
 - **Example: Buti Foundation Scholarship for Girl Students**
- Indo-French and Indo-German Centres
- **Focus on immediate neighbours (SAARC nations)**
- JP Narayan Centre for Social Sciences

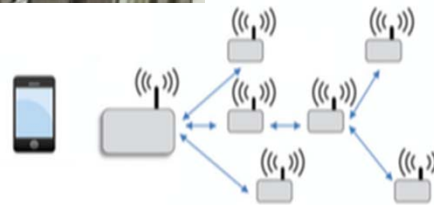
- ✓ Research Park: Industry-IITI Interaction
 - Manpower Training
- ✓ **Interaction with Defence (MCTE), IIM Indore, DAE (RRCAT) and Automobile Cluster**



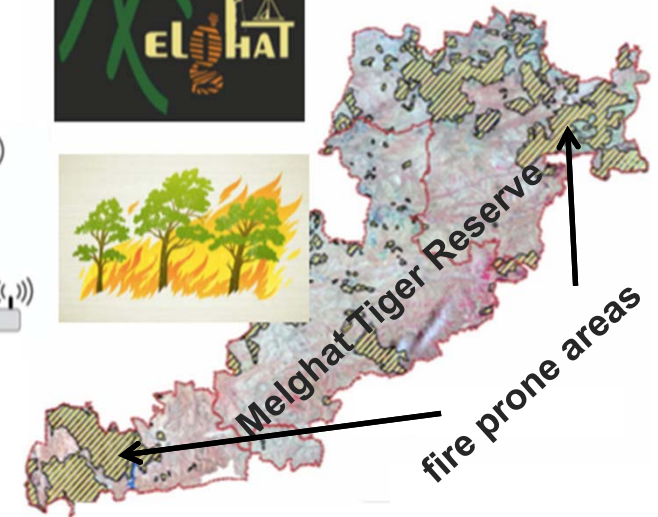
Social / Environmental Outreach



Hosting School Visit



Forest Conservation



Viewing copper moon



Training of school children



Student Achievements

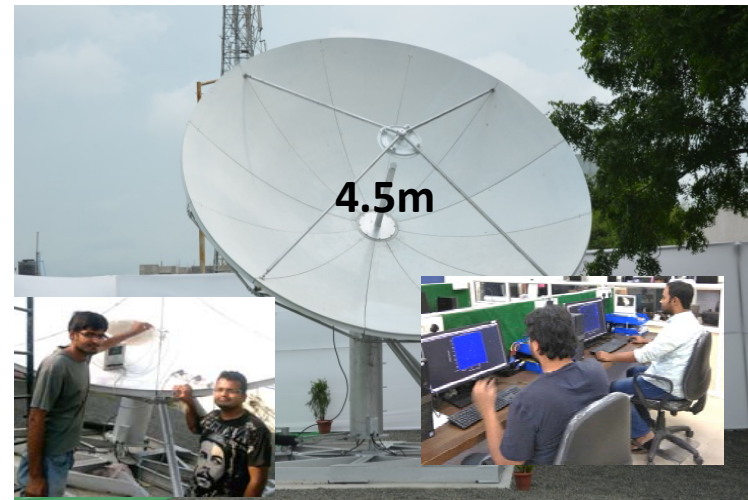
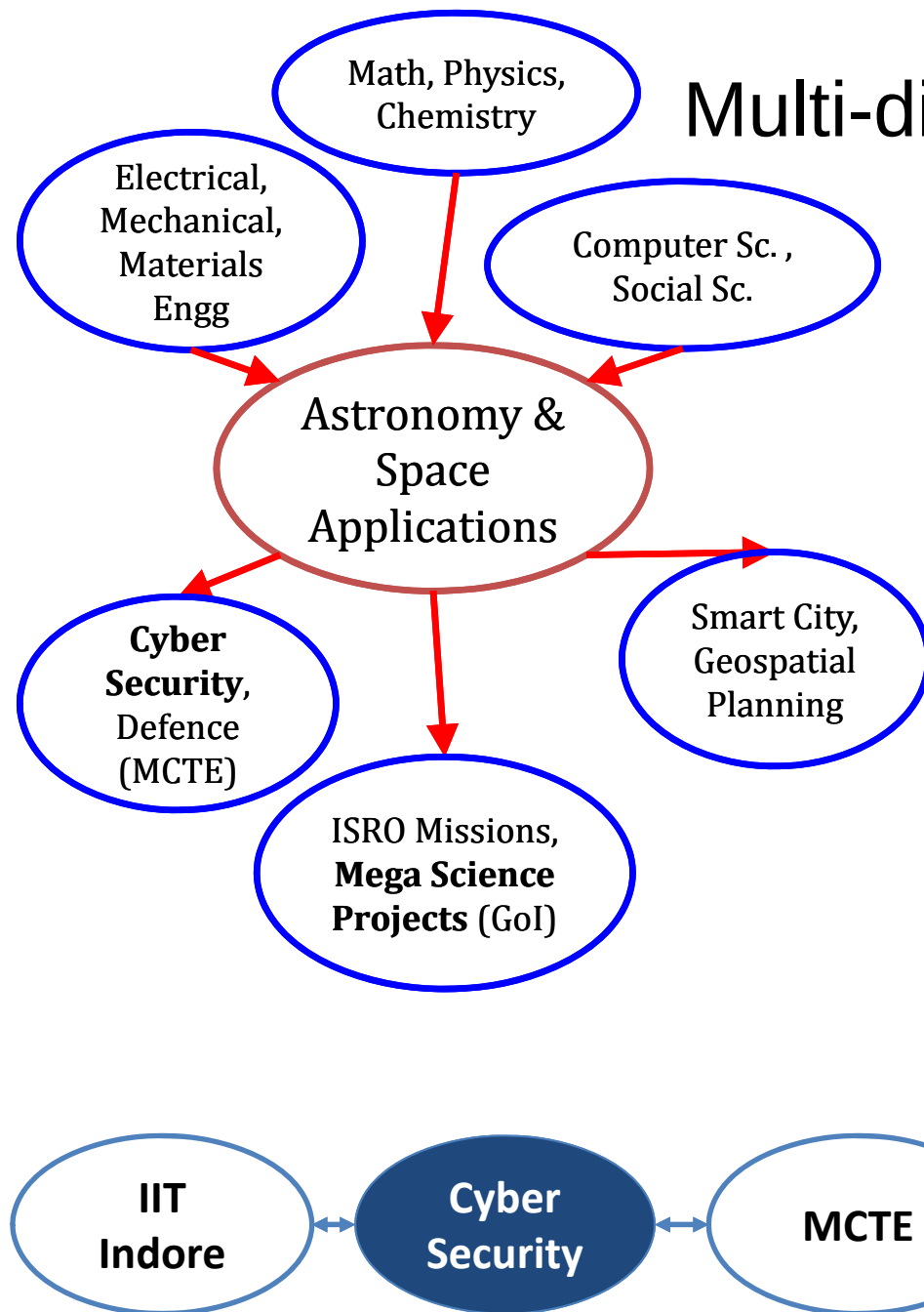
Rank	University (BEST CODERS HACKER RANK)
1	ITMO University
2	Sun-yat Sen Memorial
3	Ho Chi Minh University of Science
4	University of California Berkeley
5	University of Waterloo
6	St. Petersburg State University
7	National Taras Shevchenko University of Kiev
8	IIT Indore
9	IIT Kanpur
10	KTH Royal Institute of Technology Stockholm
	All other IITs ranked below 15



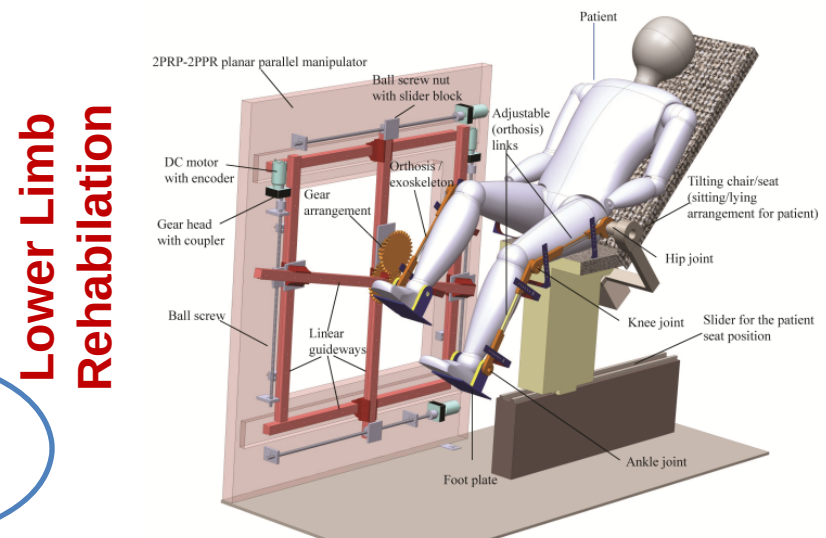
Examples of startups supported by IIT Indore



Example of Multi-disciplinary Research Model



First 10 GHz radio astronomy facility in India, to search for Transients & Fast Radio Bursts.

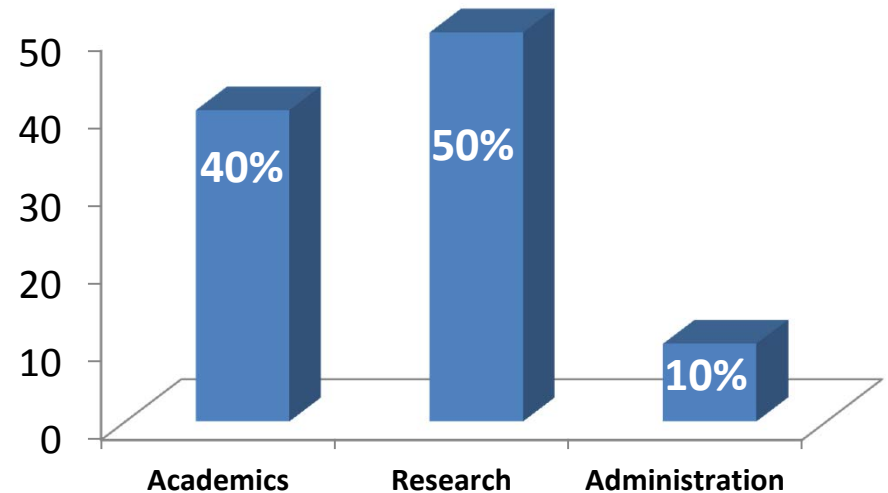


Lower Limb Rehabilitation

Ranking Projection

	No. of Students	Student/Teacher Ratio	Foreign students
Current Status	1321	12.7	-
Target after 5 Yrs (<300)	3500	10	10%
Target after 10 Yrs (<150)	4500	10	12%
Target after 15 Yrs (< 100)	5000	10	15%

Financial Plan



Administrative Reforms

- Cashless
- Green Campus
- e-Vehicles

**Aggressively engaging
International Industry and
Funding Agencies**

Conclusions

